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Americas 2008

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Siemens PLM Software

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Drafting & Dimensional Management CIP Review

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Agenda

Topic	Presenter
Committee Purpose and Customer Involvement Process (CIP)	Norm Crawford
Overview of the CIP Voting Process	Norm Crawford
Status of 2007 Enhancements	Dave Wingrave
2008 Drafting and PMI CIP Results	Dave Wingrave

Drafting & Dimensional Management Technical Committee

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- The Name
  - Various names tend to be use for the committee
  - In 2007 the active members decided on the name above.
  - Do we want to include “PMI” in the name?
  - “Drafting, PMI & Dimension Management Technical Committee” ?
  - Or just “Dimensional Management Technical Committee” ?
- There have been references to use “3D Product Definition” in the name.
- 3D Product Definition is a much larger scope
- Too Large and far beyond PMI, Drafting, and Dimensional Management

Drafting & Dimensional Management Technical Committee

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- The purpose of the Drafting and Dimensional Management Technical Committee is to represent the interests and the needs of the Users in this sector.
- Our goal is to assist in the development of the User Community through communication and cooperation between the Users and Siemens PLM Software.
- Our primary objectives are to help the User optimize the use of the products and to help Siemens PLM Software provide the most efficient and effective tools.

Drafting & Dimensional Management Technical Committee

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- Activities / Communication
- On-line Virtual Teleconferences
  - Minimum of 2 per year – Try for each quarter
  - Schedule on PLM World Website as dates are determined
- E-mail announcements to those who “specifically” request to be on the committee’s e-mail distribution list
- Users to contribute articles to the PLM Newsletter.
  - Minimum of 2 per year
- PLM World Discussion Forum and now Blogs
- User Presentations at the Siemens Connection Conferences

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Customer Involvement Process (CIP)

- During the voting period, customers receive e-mail notification and a link such as: http://www.plm.automation.siemens.com/CIP
- Information is also posted on the PLM World website
- CIP provides a mechanism for customers to help shape the direction of Siemens PLM Software products
- Submitting enhancement requests (ER) is the current method for creating customer requirements for improving Siemens PLM Software products
- Siemens is committed to implement the #1 CIP within the next major release (assuming the item does not exceed 1 developer for 1 release)
- Any Customer of Siemens PLM Software may submit ERs

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2008 Survey Results Summary Page

http://www.plm.automation.siemens.com/CIP

2008 CIP Survey Top Enhancements

Product Area	Ballots Returned	Title	ER	Category
Drafting & PMI (Product & Manufacturing Info)	612	Add 'doglegs' for linear type dimensions	5887096	Medium
Knowledge Fusion	82	Provide List access in UI Styler	4677301	Large
Manufacturing	242	Hole Milling	5680729	Medium
NX Design	655	3 Surface Tangential Blend	4713329	Medium
NX Nastran	73	Enhanced beam stress output	5594325	Large
Programming Tools	175	Journal playback from journal	4966460	X-Large
Simulation	121	Midsurface Enhancements	5903815	X-Large
Teamcenter (Unified Architecture)	287	Changing Icon when it is checked out	2076696	Large
Teamcenter Enterprise	109	Printing a watermark on the document	5440683	Medium

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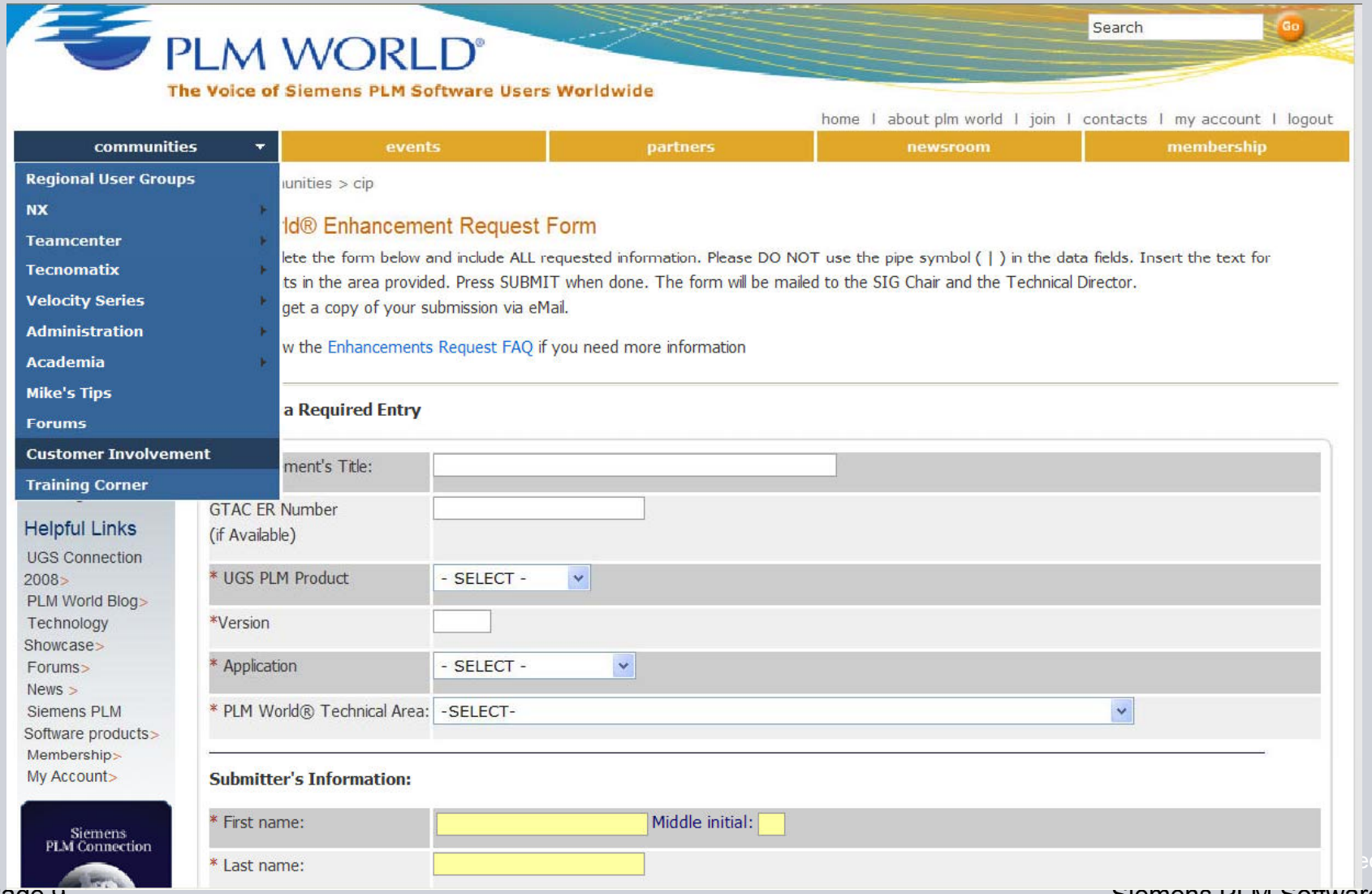
CIP: Submitting ERs

Currently Three Methods

1. Submit ER through GTAC by calling 800-955-0000 (Requires a valid Sold-To-ID or Customer ID)
2. Submit ER through the GTAC Website. (Requires a Webkey login. Webkeys can be obtained on-line on the web site or by calling GTAC)
3. Submit ER using the ER page and form on the PLM World website at: http://www.plmworld.net/home/communities/cip/ {Requires a PLM Citizen ID (free account)}

Enhancement Request Page



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Submitting Enhancement Requests

- ERs submitted through GTAC are assigned an ER number. If a PLM World Citizen also enters the SAME ER on the PLM World website, there is space to provide the ER number assigned by GTAC
- When an ER is submitted directly through the PLM World website and an ER number is not yet available, the Technical Leader for that area will submit the ER to GTAC on behalf of the PLM Citizen and obtain an ER number. The submitting citizen will be notified of the ER number.

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Enhancement Request Page

- Technical Committee Leaders enter all ERs submitted through the PLM World Website into GTAC by the end of the year.
- Siemens provides PLM Technical Leaders with a list of ERs from GTAC that are aligned with the Siemens PLM Software strategic direction
- PLM Technical Leaders and Siemens product development managers discuss the ERs and select the 25 ERs to be placed on the ballot for CIP voting.

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The Voting Process

- PLM World citizens vote on the ERs through the PLM World website (e-mail and link notification)
- Siemens tabulates the results to provide a response at the next PLM World Conference
- Each PLM World Citizen has one vote
- Multiple votes from the same company are allowed up to a pre-defined maximum.

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Remember

- For E-mail notifications of on-line conferences or general announcements, add your name to the Drafting & Technical Committee list posted next to the registration desk.
- Or, leave you business card with me
- Or, E-mail me direct: Norm.Crawford@GDandT.com

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Questions?

2008

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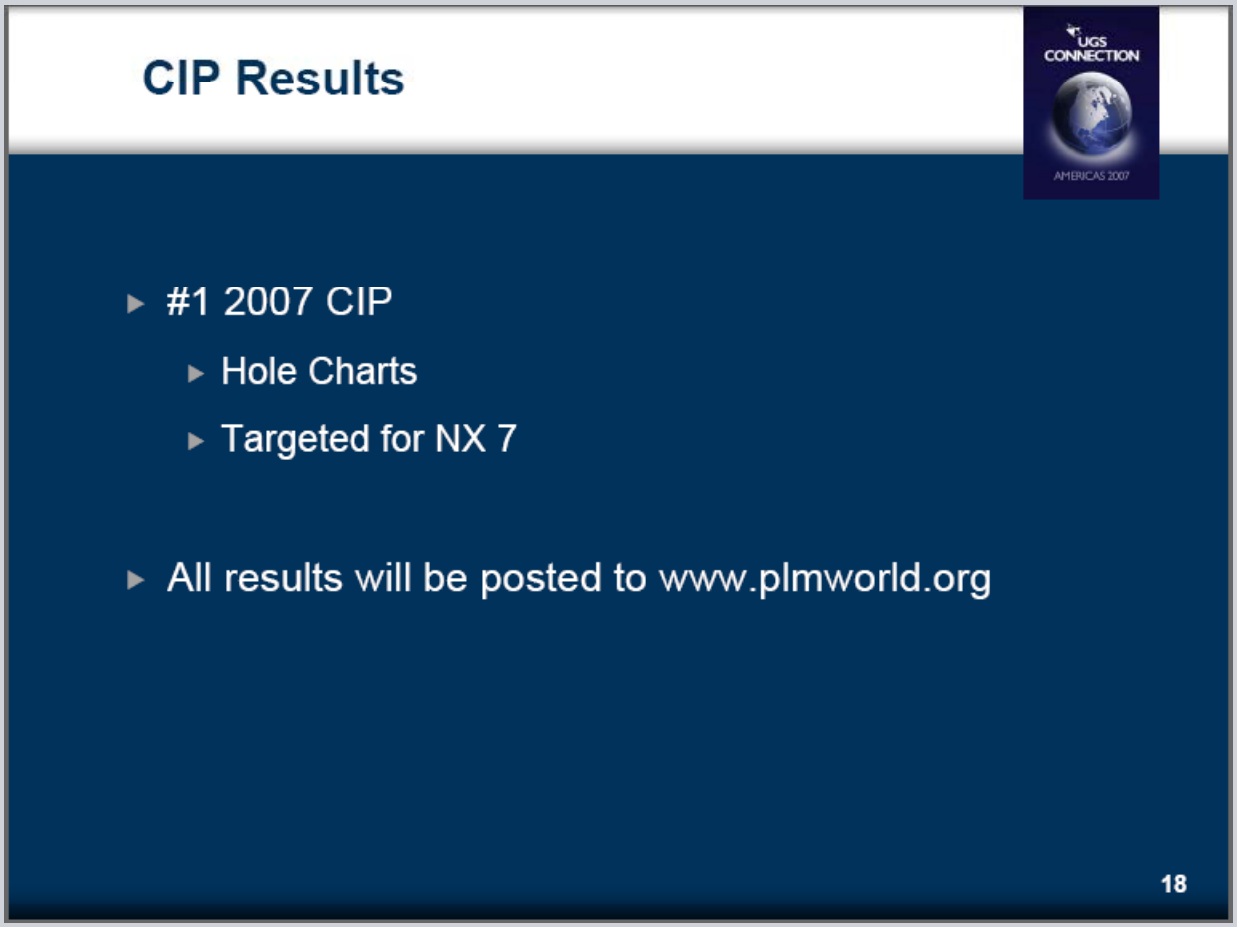
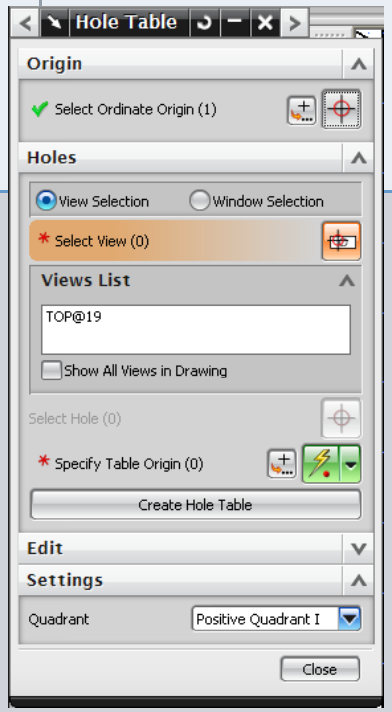
Status of 2007 Enhancements

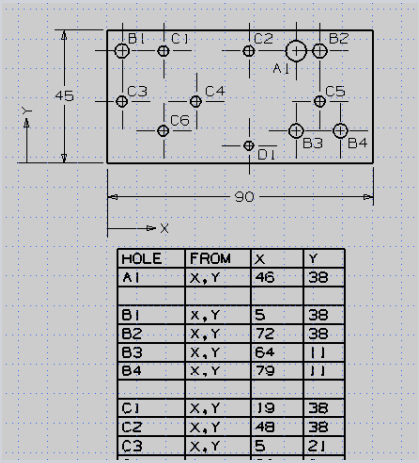
1 CIP Issue for 2007



1 CIP Issue for 2007

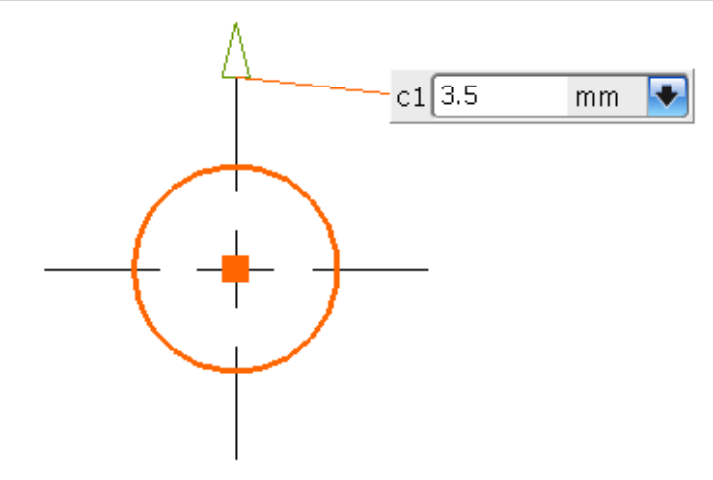
Rank	Title	Description	ER	Status
# 1	Hole Charts	Provide the ability to generate tabular dimensions for patterns of holes (known as hole charts). This would automatically label holes in an orthographic view and create a table of associative hole information.	664305	Scheduled for NX 6

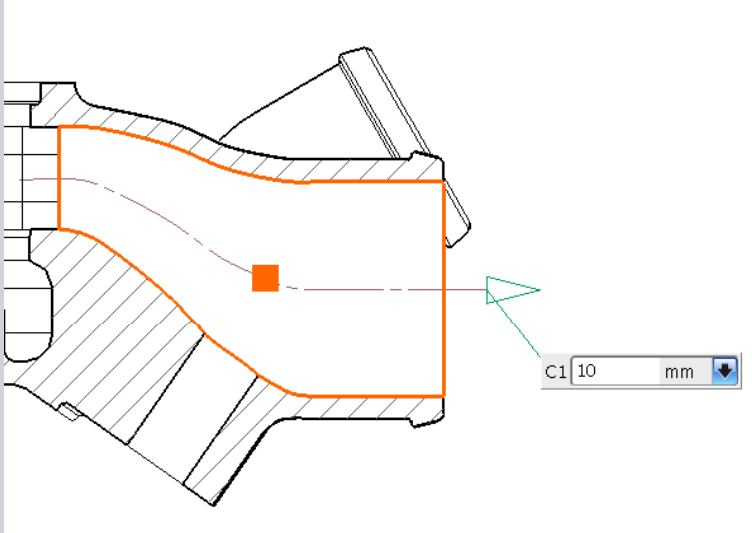




Additional 2007 Enhancements

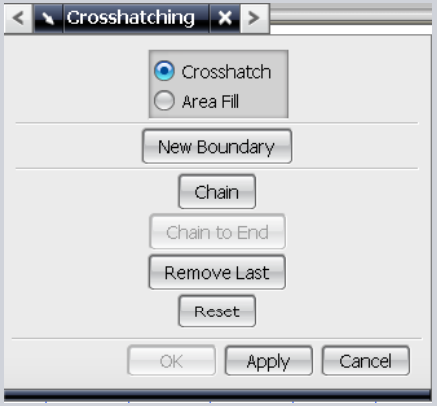
Rank	Title	Description	ER	Status
# 3	Edit Existing Centerline	Provide the ability to manually edit the length of existing centerlines.	1332250	Scheduled for NX 6



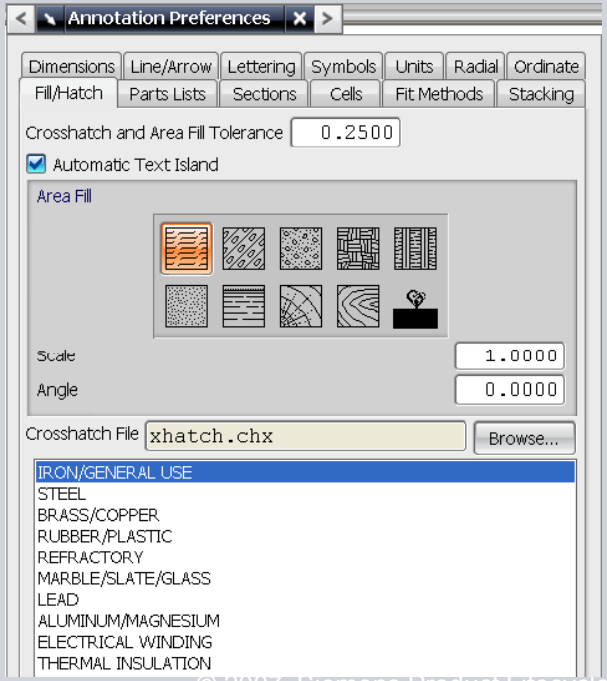


Additional 2007 Enhancements

Rank	Title	Description	ER	Status
# 13	Crosshatch Preview	Provide a preview image of the available crosshatch styles (i.e. steel, brass, rubber, etc.).	2075661	



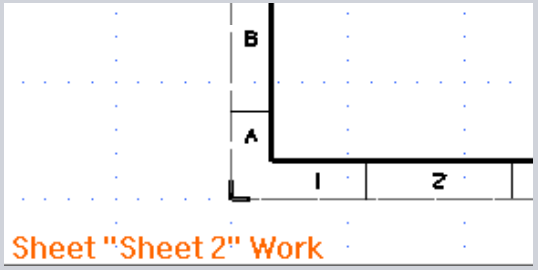
NX 5

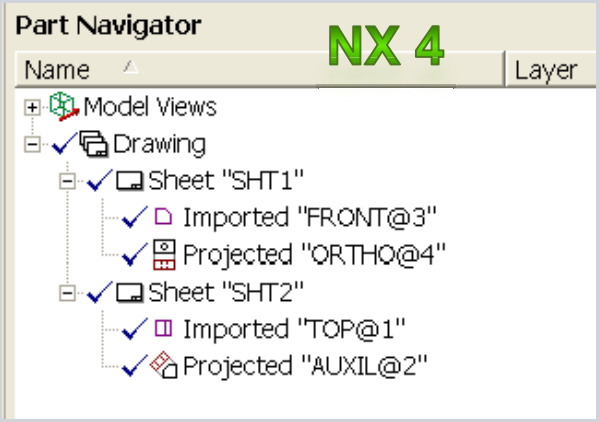


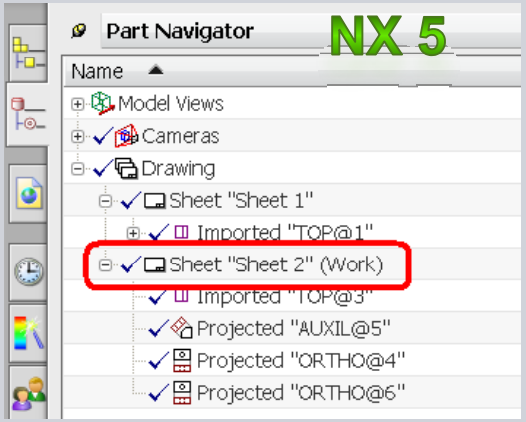
Video Clip

Additional 2007 Enhancements

Rank	Title	Description	ER	Status
# 21	Show Active Drawing Sheet in Part Navigator	Provide an indication in the Part Navigator that shows which drawing sheet is open and currently active on screen.	1504225	Addressed in NX 5







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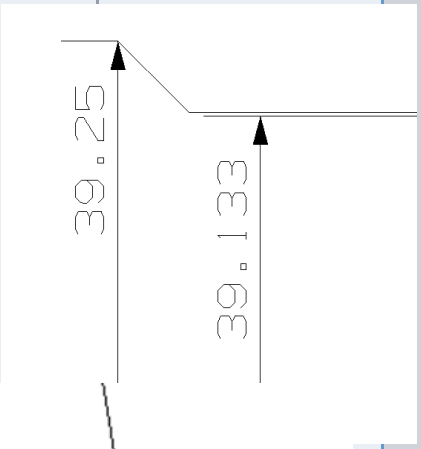
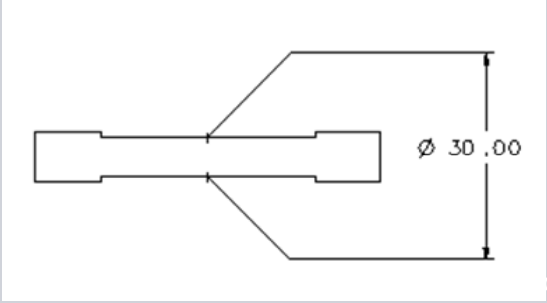
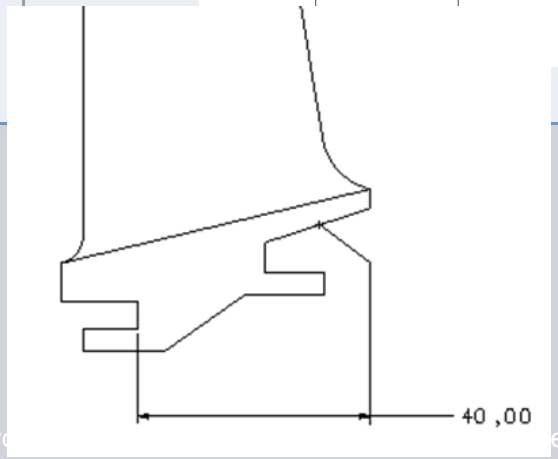
2008 Drafting and PMI CIP Results

2008 Drafting and PMI CIP Results

Rank	Title	Description	ER	Effort
# 1	Add 'doglegs' for linear type dimensions	Provide the ability to create a dimension with a crank, dog leg or jog (outside the Ordinate Dimension command). This functionality is used when dimensioning thin sections when the resulting extension lines are very close together and could be difficult to read or produce reprographics problems when plotting or printing.	5887096	Large

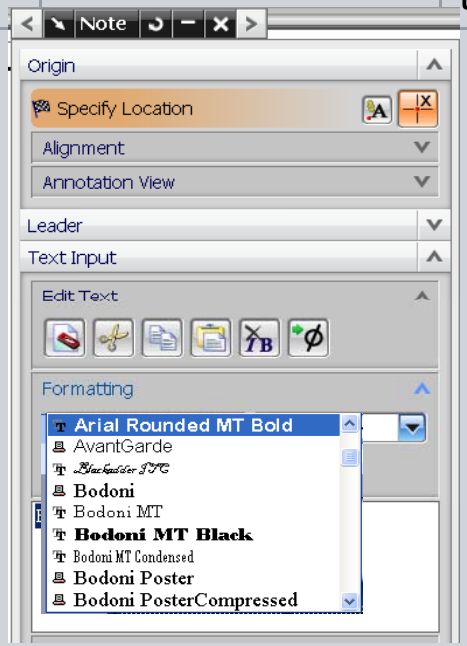






2008 Drafting and PMI CIP Results

Rank	Title	Description	ER	Effort
# 2	Support for True Type Font	Provide the ability to create text on drawings using True Type fonts.	2062906	Large
# 3	Surface Finish symbol	Provide a standard compliant fully supported surface finish tool in Drafting.	1583417	Large



Surface Finish Symbols

The Associative ISO/DIN Surface Finish Symbol option allows you to create various ISO/DIN surface finish symbols on metric drawings for metric parts only.

Where Do I Find it?

Choose Insert→ Symbol→ Surface Finish Symbol.

Surface Finish Symbol Environment Variable

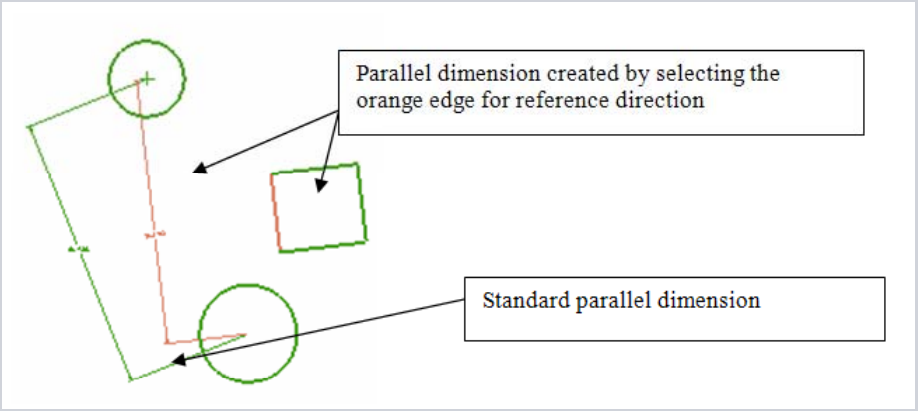
To enable this option, set the environment variable before you start the system or put the variable in your .ugii_env or ugii_env.dat file.

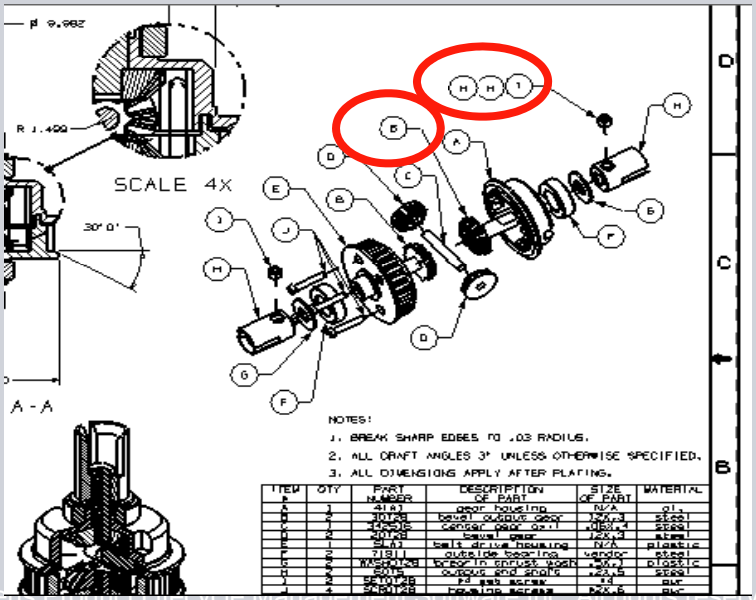
UNIX: export UGII_SURFACE_FINISH=ON

Windows: set UGII_SURFACE_FINISH=ON

2008 Drafting and PMI CIP Results

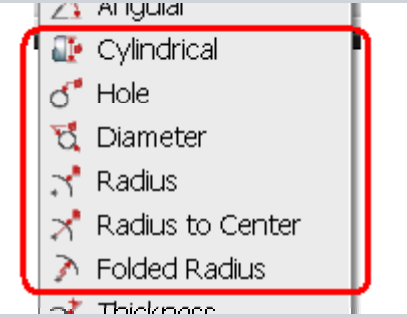
Rank	Title	Description	ER	Effort
# 4	Create a dimension which is parallel to a line	Allow the user to set the dimension axis for a dimension by selecting a line.	2075236	Medium
# 5	Stacked Balloons	Provide the ability to stack balloons on a drawing.	5908325	Small

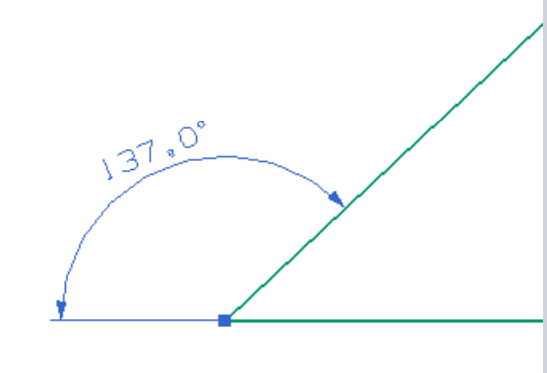




2008 Drafting and PMI CIP Results

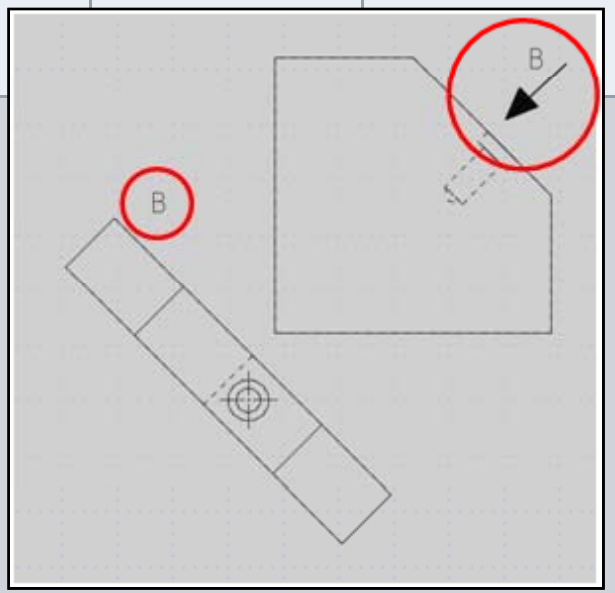
Rank	Title	Description	ER	Effort
# 6	Inherit Dimension Style	Ability to multiselect dimensions in order to inherit dimension style.	5908309	Small
# 7	Inferred Dimensions	Have alternate solutions available for the different dimension types when in the inferred dimension mode.	4695668	Medium





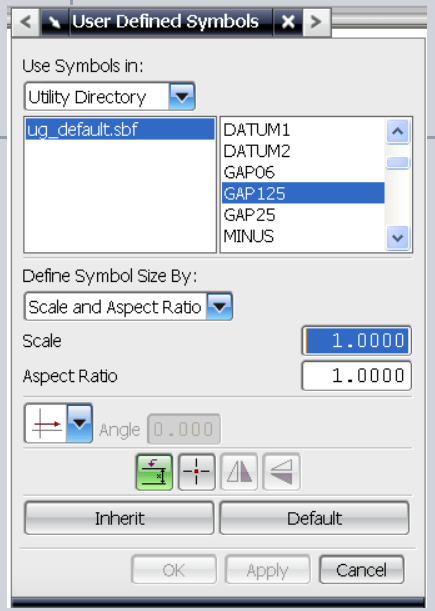
2008 Drafting and PMI CIP Results

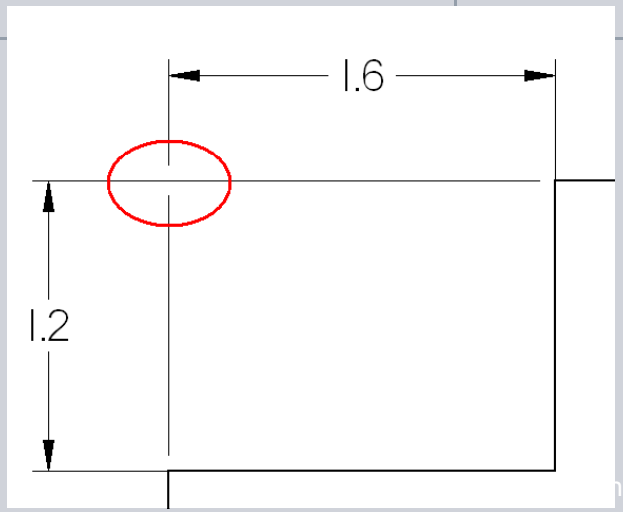
Rank	Title	Description	ER	Effort
# 8	Auxiliary View Arrows	Provide the ability to automatically create an auxiliary view arrow in the parent view. The auxiliary view arrow can have a label attached to it and is used to denote the direction of the view.	678830	Medium



2008 Drafting and PMI CIP Results

Rank	Title	Description	ER	Effort
# 9	Provide Teamcenter support for custom symbols	Allow custom symbols to be stored and accessed through Teamcenter.	2095680	Medium
# 10	Improve Gap Function	Provide a gap function where you select two locations on a dimension or extension line to indicates the length of the gap.	4920012	X-Large





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Thank you for your participation!

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